BENGAL SECRETARIAT LIBRARY

PROGRESS REPORT

OF

FOREST ADMINISTRATION

IN THE

Jodhpur State, Rajputana,

FOR THE YEAR 1892-93.

BY

PANDIT GOKAL DAS,

Superintendent of Forest Department.

With a Review by Maharaj Dhiraj Col. Sir Pratap Singh, K. C S. I.,
Musahib Ala, State Marwar.

JODHPUR:
PRINTED AT THE "MARWAR STATE" PRESS.

1893.

BENGAL SECRETARIAT LIBRARY

Forest (1893.) Department.

MARWAR.

No. 120 of 1893-94.

FROM

PANDIT GOKAL DAS,

SUPERINTENDENT OF FORESTS,

Marwar.

TO

THE MUSAHIB-ALA,

Marwar,

THROUGH PANDIT SUKHDEO PARSHAD, B.A.,

JUDICIAL SECRETARY.

Dated Jodhpur, the 10th October 1893.

SIR,

I have the honor to submit the Progress Report of Forest Administration in the Marwar State for the year 1892-93.

I have the honor to be,
Sir,
Your most obedient servant,

GOKAL DAS,

Superintendent of Forests,
MARWAR.

REVIEW BY THE MUSAHIB ALA.

Dated, Jodhpur, 11th October, 1893.

1. *Area.*—The actual decrease in the area is 1,280 acres caused by adjusting Boundary Lines to meet the legitimate demands of the villagers. Although 9,240 acres in the vicinity of Jodhpur city have been transferred to Shikarkhana for preserving games yet Forest Conservancy Rules will be observed there.

2. *Boundaries.*—Pillars were kept in proper repairs. As the Surveying Staff was engaged in finishing off Settlement maps it could not be spared. The Assistant Settlement Officer has been ordered to take up the work immediately and to depute a Superintendent specially to look to it.

3. *Forest Law.*—Owing to the after effects of famine the newly passed Forest Act was not brought into force. Graver offences were made punishable under Marwar Penal Code and their number came up to 28. This increase is due to the stricter observance of the Reporting Rule.

4. *Forest Fires.*—Smaller area was destroyed by fire during the year under Report than in 1891-92. 940 acres were burnt.

5. *Grazing.*—It has not been a chief source of income as this year was one of plenty and hence few villagers resorted to Forest to graze their cattle.

6. *Fencing.*—Fencing was made wherever required for the protection of the plantations.

7. *Arboriculture.*—Two more plantations were added at Jodhpur and the expenditure increased by Rs. 3,250.

8. *Produce.*—There has been an appreciable increase in the produce of timber and firewood which shows that the forest was well looked after by the present Superintendent.

9. *Finance.*—There is shown a sudden decrease but it is rightly explained by the present Superintendent whose mode of calculation is founded on a sound basis,

10. *Staff.*—Lala Daulat Ram, the late Superintendent got a lift and reverted to the Punjab Government service as Extra Assistant Conservator. I have the pleasure and satisfaction to place on record his meritorious services during the 5 years he worked under me. He was a hardworking, intelligent and an efficient official. I never had an occasion to find fault with his work. He carries my best wishes with him. It is more gratifying to note that the Paramount Government has very kindly lent me the services of Pundit Gokal Das and his intimate knowledge of this branch, his efficient discharge of the duties entrusted to him during the year, his tact and hardworking nature have given me entire satisfaction.

TABLE OF CONTENTS.

Subject.	Page.
Introduction—	
Inspection	1
CHAPTER I.—Area and Boundaries—	
Area	1 to 2
Boundaries	2
CHAPTER II.—Surveys and working plans and annual plans of operations—	
Surveys	2
Maps	3
Working plans	3
Annual plans of operations	3
CHAPTER III.—Protection and improvement—	
Establishment	3
Forest conservancy establishment	3
Arboriculture establishment	8
Controlling staff	3
Executive staff	3 to 4
Protection staff	4
Office establishment	4 to 5
General protection and breaches of the law	5 to 6
Compensations	6
Cattle impounded	6 to 7
Forest fires	7 to 8
Grazing	8
Grass	8 to 9
Fodder grass	9
Fencing	9

Subject.	Page.
Natural reproduction	9 to 10
Reproduction by coppice shoots	10
Artificial Reproduction sowing and planting	11
Nurseries and plantations	11 to 12
Bamboo Rhyzomes	12
Arboriculture	13
Fencing of plantations	13 to 14
Reboisement operations at Bada Bhakur	14
Exotics	14
Yield from plantations	14
Revenue from plantations	14
Expenditure on plantations	15
Communications and Buildings—	
Roads and Bridges	15
Buildings	15
CHAPTER IV.—Yield and working—	
Summary of Forest Produce removed during the year	15
Timber and fuel	16
Minor produce	16
Departmental operations	16 to 17
Removal of produce by purchasers—	
Timber	17
Firewood	17
Bamboos	18
Minor produce	18
Grass and Grazing	18
Minor produce	19
Free Grants	19 to 20
Right-holders—	
Timber	20
Fuel	20

Subject.	Page.
Grass and Grazing	20
Bamboos	20
CHAPTER V.—Financial Results—	
General summary	21
Explanation for excess of Revenue	21
Explanation for excess of Expenditure	21
Financial Results	22 to 23
Statements illustrating the annual accounts—	
Form No. 49 Area of Reserved Forests	24
„ 50 Register of breaches of Forest Rules	25
„ 51 Area of Forest tract protected from fire during the dry season	26
„ 52 Area of Plantations	27
„ 54 Outturn of timber and firewood	28
„ 55 „ „ Minor Forest produce	29
„ 56 Account of timber and other produce cut or collected by Raj Agency and brought to sale Depots or sold locally during the year	30 to 35
„ 58 Summary of Revenue and Expenditure of the Ranges...	36 to 38
„ 59 Account current	39
„ 60 Revenue received and outstanding on account of revenue	40
„ 61 Outstanding and liabilities on account of Contractors and Disbursers	41
„ 62 Financial Results	42

BENGAL SECRETARIAT LIBRARY

PROGRESS REPORT

OF

FOREST ADMINISTRATION

IN THE

MARWAR STATE

FOR

1892-93.

Introduction.

1. The Department was under the direct control of the Musahib Ala, Colonel Sir Pratap Singh, K. C. S. I., for the whole of the year under report.

2. Lala Daulat Ram Bimbhat, who started Forest conservancy in Marwar in 1888, was called back to the Punjab, on promotion to the grade of Extra Assistant Conservator of Forests and the writer of this report, who obtained his Ranger's certificate in December 1884, was transferred from the Punjab in Lala Daulat Ram's stead.

Inspection.

3. Colonel Abbot, the Resident, Western Rajputana States inspected the Forests, their boundaries and fire-lines from Nana to Desuri and offered some very valuable suggestions regarding the settlement of rights. These suggestions are now being carried out.

CHAPTER I.

Area and boundaries.

Area.

4. The area of the Forests decreased by 10,520 acres during the

year as is shown by the statement below:—

State.	Forest Range.	Area in acres on 1st April 1892.	Additions during the year.	Excluded or transferred to other heads.	Area in acres at end of the year.	REMARKS.
Marwar.	Godwar ...	135,040	...	1,280	1,33,760	By adjusting boundary line.
	Sojat ...	46,720	...	...	46,720	
	Jodhpur ...	9,240	...	9,240	...	By transfer to Shikarkhana Department.
	Total ...	1,91,000	...	10,520	1,80,480	

5. The area is likely to undergo a further decrease as soon as all the cultivations inside forests are surveyed and the boundary line adjusted, surveyed and plotted on to one inch G. T. S. maps (no other maps being yet available). This could not have been attempted up to this owing to many difficulties experienced in taking over these forests and to the weakness of the staff.

6. The remarks made in para 16 of last year's report, about Raipur forests still hold good.

Boundaries.

7. All the existing pillars from Nana to Depawas were kept in repairs, no new pillars were made.

8. No action appears to have been taken on the remarks made in para 22 of last year's report about the marking of Forest boundaries on the Land Revenue settlement maps.

CHAPTER II.

Surveys and Working Plans and Annual Plans of operations.

Surveys.

9. No surveys were undertaken during the year.

Maps.

10. The Forest Rangers made tracings of village maps, mentioned in para 27 of last year's Report, for their own use.

Working Plans.

11. None were attempted for reasons already recorded in last year's Report.

Annual Plan of operations.

12. A plan of operations for the year was prepared by Range officers and acted upon.

CHAPTER III.

Protection and improvement.

Establishment.

13. The staff of the Forest Department stood as follows at the close of the year :—

Forest Conservancy Establishment.

1 Superintendent.
3 Forest Rangers.
1 Head guard.
30 Forest guards.
1 English clerk.
1 Head office Munshi.
2 Range Munshis.
2 Peons.
2 Khalasis.
16 Jamiat Sawar (for Dak.)

Arboriculture Establishment.

1 Forester.
1 Forest guard.
12 Malis.
22 Camel men (Bhishtis.)

Controlling Staff.

14. Lálá Daulat Ram Bimbhat held charge of the Department till 10th February 1893 when he was relieved by Pandit Gokal Dass from the Punjab.

Executive Staff.

15. Forest Ranger Lala Gokal Chand continued to hold charge of the Godwar Range till 25th September 1892 when as proposed in para 37 of last year's

report the Forests were divided into three Ranges and put under the charge of 3 Rangers as follows :—

RANGE.	FOREST RANGER.
Northern Godwar ...	Lala Daulat Ram.
Southern Godwar ...	„ Gokalchand.
Sojat ...	„ Jagannath.

16. Lala Daulat Ram, who was trained in the Forester's class at Dehra Dun, by the Durbar reported his arrival after passing the final examination on 24th April 1892 and after 5 months apprenticeship was put incharge of Northern Godwar Range.

17. All the Rangers have worked satisfactorily during the year.

Protection Staff.

18. Forester Basant Ram incharge of Jodhpur Sub-Range was dismissed as his accounts were found to be unsatisfactory.

19. Lala Daya Chand was appointed Forester on Rs. 20 per mensem, on 15th February 1893 in place of Basant Ram dismissed.

20. One more post of a head guard was abolished during the year.

21. The pay of the Forest guards ranged from 5 to 6 generally during the year. There was one guard on Rs. 7, one on Rs. 8 and one head guard on Rs. 12 per mensem.

22. Steps have now been taken to effct improvements in their pay. During the year 15 guards were dismissed and 4 resigned.

Office Establishment.

23. The office clerk Munshi Dasu Ram continues to do his work in a most satisfactory manner.

24. Munshi Roop Narain the head Munshi is an excellent hand. He can copy English letters very neatly, he knows both Urdu and Hindi. Both he and the clerk have been recommended for promotion.

25. One more Munshi was entertained for Northern Godwar Range on Rs. 10 per mensem.

26. Office work is daily increasing with the development of the Forest Department, so an assistant Munshi will have to be appointed in the head office.

General protection and breaches of the Law.

27. The code of Forest Laws mentioned in para 47 of last year's report could not be brought into force owing to the Famine and its subsequent results. As usual, forest cases were dealt with under the provisions of the Marwar Criminal Code.

28. The statement of cases tried by the Hakims is given below:—

Description.	Number of offences.		Remarks.
	1891-92.	1892-93.	
Injury to Forest by fire ...	1	1	
Illicit wood and grass cutting,	2	16	
Grazing without permission ...	8	2	
Other offences	4	9	
Total ...	15	28	

29. Thus there were 13 cases more than previous year. The increase in illicit wood and grass cutting cases is chiefly due to the exertions of the protective establishment.

30. 8 cases were pending from previous years, 28 were instituted during the year making a total of 36. Of these 24 involving 44 persons were decided during the year 12 were still pending.

31. Convictions were obtained in 20 cases involving 34 persons.

The Grasias, Minas and Bhils still continue to give a great deal of trouble, but as special concessions have been proposed for the criminal tribes, it is hoped that they will learn to abide by Forest Regulations.

Compensations.

32. The following statement shows cases compounded by the Superintendent of Forests compared with 1891-92.

Range.	Cases compounded.					Average per case.			Average per person.			Remarks.
	Number of cases.	Number of Persons.	Amount.									
			Rs.	A.	P.							
Godwar ...	83	258	484	10	3	5	13	5	1	14	1	
Sojat ...	192	334	475	14	6	2	7	8	1	6	10	
Total ...	275	592	960	8	9	3	7	11	1	10	0	
1891-92...	232	605	895	12	0	3	13	9	1	7	8	

33. It is perhaps no secret that the Forest Department in Marwar is yet in its infancy, hence every effort is taken to make its objects known to the population and great deal of leniency is shown to cultivators. Only such offenders are sent to courts, who commit serious offences and do so repeatedly.

Cattle impounded.

34. A new cattle pound was opened at Vagol in Northern Godwar Range.

35. The following statement shows the number of cattle impounded in comparison to previous year:—

Range.	Description of cattle.				Total.
	Cows.	Buffaloes.	Sheep and goats.	Others.	
Godwar ...	938	125	3,108	168	4,339
Sojat	277	67	853	29	1,226
Total ...	1,215	192	3,961	197	5,565
1891-92 ...	1,959	159	1,367	732	4,217

Forest Fires.

36. The area attempted in 1892-93 was 181,760 acres as compared with 191,060 in 1 891-92. There were 7 occurrences of fire over 940 acres against 2 covering 1,284 acres in the previous year. The expenditure under this head (pay of fire watchers only) came to Rs. 138 against 57 in the previous year.

37. In Sewari forest fire came from Meywar and burnt an area of 840 acres.

38. In Joban and Mandigar fire came from Ghanerao (a private forest) and burnt an area of 70 acres.

39. In Northern Godwar there were 3 occurrences of fire over 20 acres, of which 2 were due to line-burning getting out of control and one to accident.

40. In Sojat Range there was one fire over 10 acres. The offenders were arrested on the spot, one was punished with an imprisonment of 2 months and the other for one month.

41. The main fire line between Meywar and Marwar and Merwara and Marwar was cut and burnt as usual by the right-holders of both sides.

42. The Mirpur-Jura, Ambet, and Jhilwara (all in Oodeypur) Jagirdars gave great deal of trouble in burning their lines. Notwithstanding several notices they did not send their men either to cut or to burn lines on their sides.

43. Several intermediate fire lines were also cut and burnt along the much frequented paths.

Grazing.

44. Owing to famine all the forests were open to grazing up to the commencement of the rainy season when they were closed. They were re-opened for grazing to the right-holders' cattle in February 1893.

Grass.

45. Owing to copious rains during the monsoon months excellent crop of grass was produced outside the reserves and hence the villagers did not much avail of the forest grass. The revenue from this source has fallen for the same reason but it is not to be regretted as the less the forests are grazed over the better for them.

46. The following statement will show the number of cattle grazed in Marwar forests for the past two years:—

Range.	Cattle.				Remarks.
	Right-holders.	Out-siders.	Free.	Total.	
Godwar ...	2,861	24	2,100	4,985	
Sojat ...	1,430	...	855	2,285	
Total ...	4,291	24	2,955	7,270	
1891-92 ...	9,616	1,086	3,262	13,964	

47. The decrease in the number of cattle is explained by the fact of there

being no scarcity of fodder after the setting in of the rainy season.

Fodder Grass.

48. 1,190 maunds of grass cut in 1891-92 were despatched to Jodhpur during the year for the Sardar Rassala horses. Owing to the timely rains there was an exceptionally good crop of grass in all the forests. Right-holders cut very little of grass and even non-right-holders refused to cut grass at ¼th share, that is, giving one share to the Department and taking three to themselves. Proposals to cut and stack it departmentally, for future use, were not sanctioned.

Fencing.

49. Fences of Sadri and Kajalbah nurseries were kept in repairs and no new fences were made.

50. Fences of Jodhpur plantations mentioned in para. 65 to 68 of last year's report belong to Arboriculture and will be mentioned separately.

Natural Reprduction.

51. It is reported to be very satisfactory in all the forests. Goria Dhow (a. latifolia), Kantia Dhow (a. pendula), Kalia Siris, Gol (Ordina woodier), Kalia Shisham (D. latifolia) seedlings are doing well.

52. Protection against fires and the strict exclusion of sheep, goats and camels is the only thing required in these forests to ensure successful natural reproduction. Horned cattle, of course, should also be kept out of areas coppiced for re-generation.

53. The results of past five years protection are visible at a glance when one looks at forests outside the reserves. Jagirdars who would never agree to forest conservancy being started in Marwar have begun to appreciate the advantages of protection.

54. There is nothing to be added to or subtracted from the remarks made in last year's report about the Grasias and their cattle with the exception, that they have paid or consented to pay compensation for unauthorized wood cutting and breaking up land for cultivations, so it is hoped that they will gradually learn to abide by forest laws. They are not criminal tribes but appear to be aborigines and naturally clamour against any interference with their long established independence.

Reproduction by Coppice shoots.

55. Coppice operations in Marwar forests are yet in an experimental stage. Few patches coppiced in Godwar and Sojat Ranges were not properly fenced. So the measurements are not very reliable as several shoots have been eaten by cattle. On the whole results are very encouraging.

56. At Saran last year's Dhow, kumtia (acacia) and Khair shoots have attained a height of 2'· 3" to 3'· 3".

57. In Sadhri forest the work stopped with the completion of the Bandha as there was no demand for fuel. Following are the measurements of some of coppice shoots taken in Sadhri forest:—

Number.	Species.	Measurements.				Remarks.
		One year old.	Two years old.	Three years old.	Four years old.	
1	Dhow ...	1·4"	2'	2·3"	2·11"	
2	Khair ...	2·8"	3'· 5"	4'·3"	4· 9"	
3	Adra ...	2·6"	3· 2"	4·8"	6·"2	
4	Kumtia ...	2·9"	3·11"	5·7"	6·4"	
5	Ber ...	3	6·9"	9·3"	11·9"	

58. Coppice operations were going on in Desuri forest when the year closed.

Artificial Reproduction sowing and planting.

59. Sowings were made in several forests to fill up blanks with different kinds of seeds with various results.

60. Babul and Nim seed was sown in 2,290 pits one foot deep in Siryari, Saran, Kantalia, Gudha, Khoria, Vagol and Jujawar forests. Babul germinated well, about ⅓rd of Nim also germinated but all the seedlings of both Babul and Nim died for want of water after a couple of months. Bamboo, Mohwa, Shisham and Sain seeds were sown in several forests with the same results as above. Bamboo seed did not germinate at all.

Nurseries and plantations.

61. In Sojat Range there are two nurseries, both covering an area of ¼th of an acre. They are not required to fill up any blanks, so, in future they are to be treated as plantations. Following is the number of species in both of these nurseries.

Jaman	...	41
Jinja	...	46
Babul	...	285
Gunda	...	24
Bamboos	...	54 raised from rhyzomes.
Nim	...	94

62. Some abandoned fields near Ranpur temple were filled up with plants from the Sadhri nursery. This nursery is also not required any longer. It, in reality, is a sort of plantation covering an area of 2 acres and having following plants in it:—

Number.	SPECIES.	Height.	Girth.	Total number of plants.	REMARKS.
			Under		
1	Sissu ...	6″	1′	304	One year old 1892-93.
2	Mahura ...	5″	,,	296	,, ,,
	Jaman ...	9″	,,	262	,, ,,
	Tun ...	4″	,,	5	,, ,,
5	Tibru ..	6′	,,	149	,, ,,
6	Khair ...	5″	,,	9	,, ,,
7	Darain ...	9″	,,	9	,, ,,
8	Sain ...	8″	,,	12	,, ,,
9	Walaiti Babul	21′	11″	90	Sown in 1889-90
10	Sissu ...	17′	1′·4″	447	
11	Siris ...	3·6″	1′·5″	61	Sown in 1891-92
12	Pateng ...	8′	1″	10	,, ,,
13	Sain ...	8′·9″	7″	198	,, ,,
14	Tun ...	14′·6″	7″½	107	
15	Jiapota ...	4′	4″	19	
16	Mahura ...	3″	2″	441	
17	Sharifa ...	3″	1″	7	
18	Jaman ...	2′	1″·2	832	
19	Sanatha ...	13′	2″·5	3,149	
20	Nim ...	10′	3″5	129	
21	Kanaj ...	2·9″	1″	233	
22	Sandal wood ...	10·6″	5″.5	2	1889-90
23	Bamboos ...	20′	3″	9	Sown in 1891-92
24	Nimbu ...	1·9″	under 1″	1	1892-93

Bamboo Rhyzomes.

63. In Shiryari, Sâran, and Kantalia forests 110 bamboo rhyzomes were tried. 90 of these are doing well and are about 8 to 9 feet in height. This will in future, be tried on a larger scale.

Plantations at Jodhpore.

Arboriculture

64. At the commencement of the year there were 4 plantations covering an area of 61 acres and having 8,250 plants of the following species:—

Nim	...	... 5,310	8,250
Shisham ...		... 1,510	
Babul ...		... 723	
Tun ...		... 102	
Date palm		... 17	
Other species		... 588	

65. Two more plantations covering an area of 20 acres with 1,620 Nim and Shisham plants were added duiring the year under report.

66. 225 Shisham and Nim plants were transplanted along the circular road and 800 from Ratanada to Major Beatson's house, 600 into the Residency building compounds.

67. 1,500 Shisham and Nim plants were given gratis to the residents of the town for planting in their own compounds.

68. 50 Shisham, Nim, Mango and Jaman plants were planted at the top of the Bada-Bhaker hill (six miles from Jodhpur).

69. The Musahib Ala personally takes great interest in tree planting and his example is being earnestly followed by proprietors of waste lands.

Fencing of plantations.

70. 1,913 new golras were made for the protection of the road side plants.

71. 41,600 cft. of ditch were made round new plantation No. 6. The new plantations No. 5 and 6 and all the golras along the roads were fenced by thorns.

72. Fences of old plantations were kept in repairs.

73. A new nursery was started at the Forest Department well. 44,736 cft. of ditch were made round it. A portion of it was also fenced. Sissu, Nim and Siris were the only seeds sown in this nursery.

Reboisement operations at Boda Bhakur.

74. A pacca banda (stones only) was made to collect rain water for watering the plants at the top of the hill, but owing to rush of water the banda gave way and had to be repaired subsequently. After this there was no rain and it could not be seen whether it was sufficiently strong to stop water.

75. About a mile of a foot path was also made to the top of the hill but it was also washed away.

76. Fifty pits (6' deep and 6' diameter) were cut up (there was nothing but rock) and filled with earth brought from other places. Shisham, Nim, Am, Jaman, Pipal and Badla plants were put into them. All the plants are in a flourishing condition.

77. Stone golras were made round all the plants as a protection against pigs and deer. Each golra cost about Rs. 6 and each pit Rs. 7.

Exotics.

78. Shisham is the only exotic which has established itself well. Then comes Tun which is still struggling hard for existence.

Yield from plantations.

79. 1,160 maunds of grass were cut from the Jodhpur plantations and stacked for use of the Raj bullocks.

Revenue from plantations.

80. Rs. 15 were realized by sale of Bor fruit sold from plantation No. I and Rs. 150 as compensation for damage done to trees.

Expenditure on plantations.

81. The expenditure stood as follows:—

	Rs.
Protective establishment ...	153
Watering	3,537
Malis	703
Feed and keep of bullocks ...	537
Temporary establishment ...	352
Planting	308
Fencing	998
Tools	11
Bada Bhakar reboisment ...	1,615
Miscellaneous	125
Total ...	8,339

that is Rs. 3,250 more than 1891-92. Increase is due to Bada Bhakar bunda and the addition of a new nursery and 2 plantations.

Communications and Buildings.

Roads and Bridges.

82. Nothing was done.

Buildings.

83. Sewari cattle pound was repaired at a nominal cost of Rs. 3-10.

CHAPTER IV.

Yield and working.

Summary of Forest Produce removed during the year.

84. For details see Form No. 54 and 55 attached to the report.

Timber and fuel.

Description.	Timber.		Fire wood.		Remarks.
	1891-92.	1892-93.	1891-92.	1892-93.	
	cft.	cft.	cft.	cft.	
Removed by Raj Agency ...	9.552	.....	8,000	.....	
„ „ Purchasers ...	14,000	17,350	152,844	17,608	
Free grants	1,100	9,917	118,000	292,493	
Right-holders	3,460	8,766	.....	1,560	
Total cubic feet ...	28,112	36,033	278,844	311,661	

85. The money value of the minor Forest Produce is given below:—

Minor Produce.

Description.	1891-92.	1892-93	Remarks.
Removed by Raj Agency ...	14,322	9	
„ „ Purchasers ...	5,372	925	
Free grants	21,006	2,408	
Right-holders	2,489	1,064	
Total ...	43,189	4,406	

86 Whatever is given to the Right-holders without payment is treated as a free grant, while in reality no free grants were made during the year.

Departmental operations.

87. Neither timber nor fuel were removed by Raj Agency during the year. Only Mohwa worth Rs. 9-6-0 was collected and disposed of.

88. The decrease under this head is due to the fact that Jodhpur Sub-Range forests were transferred to the Shikarkhana Department and that there was no demand for grass for the Sirdar Rasala horses during the year.

II.—Removal of Produce by Purchasers.

(A).—Timber.

89. As shown in the summary of Forest produce 17,350 cft. of timber worth Rs. 1,868 were removed by purchasers against 14,000 cft. worth Rs. 1,433 in 1891-92.

(B).—Fire wood.

90. 17,608 cft. or 4,402 maunds of fuel were removed from the Forests by purchasers for Rs. 409-13-9, out of which 3,530 maunds were supplied to the Raj for Rs. 323 and the remainder to the people.

(C).—Bamboos.

Minor Produce.

91. Twelve thousand, six hundred and sixteen Bamboos were removed from the following forests :—

Name of Forest.	No.	Amount.			Remarks.
		Rs.	A.	P.	
Nana ...	194	4	6	0	
Behra ...	206	4	10	9	
Bijapur ...	3,421	77	5	0	
Sewari ...	1,083	24	6	0	
Latara ...	657	14	15	3	
Sadhri ...	1,349	30	6	6	
Desuri ...	1,449	32	9	9	
Ganthi ...	144	3	4	3	
Vagol ...	2,852	64	11	6	
Kot ...	494	11	2	0	
Bansor ...	500	11	4	0	
Jujawar ...	217	4	15	0	
Kantalia ...	50	1	2	0	
Total ...	12,616	285	2	0	

(D).—Grass and Grazing.

92. Rs. 113 were realized as value of grass and Rs. 46 as grazing revenue making a total of Rs. 159 against Rs. 3,621 in 1891-92. Owing to timely rains of 1892-93 enough grass was produced out side the forests and hence decrease under this head.

(E).—Minor Produce.

Description.	1891-92.	1892-93.	REMARKS.
	Rs.	Rs.	
Pala	324	.....	
Mohya...	113	145	
Palas leaves	43	.....	
Khaka...	544	198	
Honey and wax	182	109	
Mangoes	4	.....	
Moha	17	.....	
Sinias	22	.....	
Kair	4	.....	
Akra	3	.....	
Ber	10	.....	
Miscellaneous	126	29	
Total ...	1,392	481	

93. There are two main causes of decrease under this head, that is, there was no scarcity of fodder after the rains had set in July 1892 and that the Jodhpur forests which supplied pala and grass, were made over to the Sikarkhana Department.

III.—Free Grants.

94. The following statement will show free grants made to Right-holders :—

Description.	ESTIMATED VALUE.		REMARKS.
	1891-92.	1892-93.	
Timber	400	568	
Fuel	1,844	4,765	
Grass	.....	1,509	
Grazing	18,643	574	
Other produce	2,210	325	
Total ...	23,097	7,741	

95. There again the decrease in grass and grazing is due to the same cause as stated in para 92. There is an increase in the supply of bamboos and fuel chiefly due to better accounts being kept than in previous year.

IV.—Right-holders.

(*a*) TIMBER.

96. Right-holders of the B. and C. class villages were supplied with 7,693 cft. of timber for agricultural purposes and they had to pay Rs. 906 as their well dues. Of this sum Rs 812-8-0 were actually realized during the year.

97. One thousand and seventy-three cubic feet of different sorts of timber were given to non-cultivators of B. and C. villages for Rs 248-2-9 realized during the year.

(*b*) FUEL.

98. 390 maunds of firewood were given to C. class villages at reduced rates for Rs 16-14-0 realized during the year.

(*c*) GRASS AND GRAZING.

99. B. class villages pay nothing for grass but 546 maunds of grass were supplied to C. class villages for Rs 57-14-0 which were realized during the year.

100. 4,291 heads of cattle belonging to the right-holders were admitted into the forests and Rs 975-5-0 were charged from them at reduced rates. Of this sum Rs 972-6-0 were actually realized during the year under report. Rs 27 were realized for Mohya grass.

(*d*) BAMBOOS.

101. 272 bamboos were sold to the right-holders at reduced rates for Rs 4-2-0.

CHAPTER V.

Finacial Results.

102. The following table compares the financial results of the year with those of preceding three years :—

Particulars.	1889-90.	1890-91.	1891-92.	1892-93.	REMARKS.
Receipts ...	5,399	20,918	30,754	9,691	Actual revenue realized during the year being Rs. 29,807 from Forests and Rs. 65 from plantations.
Charges	7,653	10,692	15,975	11,223	
Deficit	2,254	.....	.....	1,532	
Surplus	.....	10,226	14,770	.....	

103. The sudden decrease in revenue is due to the fact that the Jodhpur Sub-Range forests which alone brought a revenue of Rs. 7,000 in 1891-92 have been transferred to the Shikarkhana Department and the past year's figures included not only the outstandings of revenue but the value of saleable stock also as revenue.

104. During 1890-91 and 1891-92 fuel was being supplied to Sadhri banda and grass to the Sardar Rasala horses while both of these revenue swelling works were stopped during the year under report.

105. Keeping the above facts in view the financial results of the year are quite satisfactory.

106. The expenditure is Rs. 4,752 less than the previous year.

Particulars.	1891-92.	1892-93.	Plus or Minus.
A. Conservancy and works ...	6,829	805	-6,024
B. Establishment...	9,146	10,418	+2,272
Total ...	15,975	11,223	

107. The fall in revenue accounts for decrease in *A.* conservancy and works.

108. B. Establishment shows an increase of Rs. 2,272 as follows:—

(*a*) Addition of one Ranger on Rs. 40 per mensem.

(*b*) Travelling allowance of the above ranger at about Rs. 20 per mensem.

(*c*) Addition of one Hindi writer for the third Ranger at Rs. 10 per mensem.

(*d*) Increased pay and travelling allowance of Lala Daulat Ram, late Superintendent of Forests by Rs. 70 per mensem.

(*e*) Increase in travelling allowance of the Superintendent and his subordinates.

109. The receipts and charges for the past three years compare as follows under the three main heads:—

Year.	Timber and other Departmental operations.		Other revenue.		Formation protection and improvement of Forest.	Total.		Remarks.
	Receipts.	Charges.	Receipts.	Charges.		Receipts.	Charges.	
1891-92	2,501	5,328	11,857	9,908	739	14,358	15,975	
1892-93	2,136	741	7,555	10,418	64	9,691	11,223	

110. The following returns accompany the Report:—

Form	No.	49
,,	,,	50
,,	,,	51
,,	,,	52
,,	,,	54
,,	,,	55
,,	,,	56
,,	,,	58
,,	,,	59
,,	,,	60
,,	,,	61
,,	,,	62

ANNUAL FORM NO. 49.

Forest Department, Marwar State. Area of the Forest 1892-93.

State.	Range.	Area on 1st April 1892.		Added during the year.	Excluded or transferred to other heads.	Area on 1st April 1893.		No. and date of Kafiyat of addition or transfer.	Remarks.
		Areas.	Equivalent in square miles.			Areas.	Equivalent in square miles.		
Marwar ...	Godhwar ...	1,35,040	211	...	1,280	1,33,760	209	By adjustment of boundary line.	
	Sojat ...	46,720	73	...	...	46,720	73	...	
	Jodhpur ...	9,240	14	...	9,240	...	...	By transfer to Shikar khána Department.	
	Total ...	1,91,000	298	...	10,520	1,80,480	282		

ANNUAL FORM NO. 50.

Forest Department, Marwar State. Register of Breaches of Forest Rules during 1892-93.

Forest Range and Civil Pargana.	Cases pending from 1891-92.	NEW CASES OF THE YEAR.					Total cases.	DISPOSED OF DURING THE YEAR.						Cases pending at close of the year.	Remarks.
		Injury to forest by fire.	Unauthorized felling or appropriation of wood and minor produce.	Grazing without permission or in tract in which grazing is prohibited.	Other offences.	Total new cases during the year.		Convictions.		Acquittals.		Total.			
								Cases.	Persons.	Cases.	Persons.	Cases.	Persons.		
A.—Cases tried by Hakims—															
Godhwar ...	4	...	10	1	1	12	16	5	11	4	10	9	21	7	
Sojat ...	4	1	6	1	8	16	20	15	23	...	...	15	23	5	
Total ...	8	1	16	2	9	28	36	20	34	4	10	24	44	12	
B.—Cases compounded by Forest officials—															
Godhwar ...	.....	1	47	31	4	83	83	83	258	...	...	83	258	.....	
Sojat ...	.....	...	116	70	6	192	192	192	334	...	...	192	334	.....	
Jodhpur ...	.....	...	.....	.....	...	...	...	...	...	...	...	...	...	.....	
Total ...	.....	1	163	101	10	275	275	275	592	...	...	275	592	.....	
Grand Total ...	8	2	179	103	19	303	311	295	626	4	10	299	636	12	

ANNUAL FORM No. 51.

Forest Department, Marwar State. Area of Forest Tracts protected from fire during the dry season 1893 to accompany Report for 1892-93.

RANGE.	FOREST TRACTS.	Year in which protection commenced.	Area actually protected up to 15th June 1892.	DURING DRY SEASON OF 1893.			Cost during the season.	REMARKS.
				Area attempted to be protected.	Failures.	Actually protected.		
							Rs	
Godhwar ...	Sewari Block	1891	1,12,636	1,13,920	910	1,13,010	138	
	Desuri Do.	1891	21,120	19,840	20	19,820	.....	
Sojat ...	Kuntalia Do.	.....	46,720	46,720	10	46,710	.....	
Jodhpur ...	Jodhpur Do.	1889	9,240	.....	...	...	.....	Transfer to Sikarkhana Department.
	Total ...		1,89,716	1,80,480	940	1,79,540	138	

ANNUAL FORM NO. 52.

Forest Department, Marwar State. Area of Plantations.

Range.	Name of Plantation.	Area in Acres.				Receipts	Charges	Remarks.
		On 1st April 1892.	Added during the year.	Excluded during the year.	Area on 31st March 1893.	of the year.		
Godhwar ...	Sadri ...	2	...	...	2	...	22	
Jodhpur ...	Plantation No. 1 to 7 ...	61	20	...	81	165	6,724	Two Plantations added also in this year.
	Total ...	63	20	...	83	165	6,746	

ANNUAL FORM NO. 54.

Forest Department, Marwar State. Outturn (in cubic feet solid) of timber and fuel during the year 1892-93 and Agency of Exploitation.

RANGE.	Timber in the rough logs.					Timber in the rough poles.					Sawn or squared timber.					Miscellaneous.					Fuel.					Total.
	Raj Agency.	Purchasers.	Free grants.	Right holders.	Total.	Raj Agency.	Purchasers.	Free grants.	Right holders.	Total.	Raj Agency.	Purchasers.	Free grants.	Right holders.	Total.	Raj Agency.	Purchasers.	Free grants.	Right holders	Total.	Raj Agency.	Purchasers.	Free grants.	Right holders.	Total.	
Godhwar ..	.	...	..	.	...	...	8,342	9,800	5,385	23,527	...	..	...	...	...	..	..	...	..	.	...	15,424	2,66,117	1,560	2,83,101	3,06,628
Sojat .	...	...	...	..	...	..	9 008	117	3,381	12,506	...	...	...	.	..	...	...	...	...	..	.	2,194	26,376	...	28,560	41,066
Total ...	...	...	..	...	..		17,350	9,917	8 766	36,033	..		..	.	..	..	...	...	...	..	...	17,608	2,92,493	1,560	3,11,661	3,47,694

ANNUAL FORM NO. 55.

Forest Department, Marwar State. Outturn of Minor Forest produce during the year 1892-93.

Range.	Description of produce.	PRODUCE REMOVED OR UTILIZED.										Remarks.
		Raj Agency.		Purchasers.		Free grants.		Right-holders.		Total.		
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
			Rs.		Rs.		Rs.		Rs.		Rs.	
Godhwar ...	Bamboos (No.)	...	...	12,568	284	...	...	275	5	12,843	289	
	Grass (maunds)	...	...	1,234	113	29,000	1,281	546	58	30,780	1,452	
	Grazing (cattle)	...	...	165	46	2,100	415	2,861	635	5,126	1,096	
	Moya (Head loads)	...	...	1,450	145	...	...	279	27	1,729	172	
	Khaka do.	...	...	4,466	139	...	...	...	...	4,466	139	
	Mohwa (maunds)	6	9	...	...	...	...	...	...	6	9	
	Honey and wax	...	...	...	109	...	...	...	...	...	109	
	Miscellaneous	...	...	...	3	...	200	...	...	...	203	
Sojat ...	Bamboos (No.)	...	...	50	1	...	...	...	...	50	1	
	Grass (maunds)	...	...	...	...	7,300	228	...	...	7,300	228	
	Grazing (cattle)	...	...	...	...	855	159	1,430	339	2,285	498	
	Khaka (Head loads)	...	...	1,870	59	4,000	125	...	...	5,870	184	
	Miscellaneous	...	...	...	26	...	...	...	...	...	26	
	Total ...	6	9	21,803	925	43,255	2,408	5,391	1,064	70,455	4,406	

ANNUAL FORM NO. 56.

Forest Department, Marwar.—Account of Timber and other Produce cut or collected by Raj Agency and brought to sale depots or sold locally during the year 1892-93.

PARTICULARS.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
TIMBER.				
Balance at commencement of the year.				
Godhwar Range.				
Dandas	367			
Golias	600			
Mials	118			
Thobli	101			
Kani	314			
Balewan	59			
Thamba	34			
Singri	19		1,612	
Sojat Range.				
Danda	4,199			
Mials	8			
Balies	214			
Balinda	9			
Thamba	14		4,444	
Jodhpore Sub-range.				
Golias	8,630		8,630	
Total balance ...			14,686	

PARTICULARS.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
DISPOSALS—				
I. True disposals.				
Sold locally.				
Godhwar Range.				
Golias	533		533	
Sojat Range.				
Dandas	1,256		1,256	
Removed by purchasers from depot.				
Jodhpur sub-Range.				
Golias	1,623		1,623	
Used by the Department.				
Godhwar Range.				
Golias	67		67	
Jodhpur sub-Range.				
Golias	237		237	
Struck off on account of being damaged.				
Godhwar Range.				
Dandas	140			
Kanis	220			
Balewan	59			

RECEIPTS—		
I. Cross receipts.		
Godhwar Range.		
Danda	121	
Mial	1	
Balies	34	
Balinda	4	
Thamba	2	162
Total cross receipts ...		162
Grand Total ...		14,848

Thamba	34	
Singri	19	
Sojat Range.		
Mial	4	476
Lost by re-measurement.		
Sojat Range.		
Dandas	685	
Balies	89	
Balinda	4	
Thamba	7	
Jodhpur sub-Range.		
Golias	1,600	2,385
Total true disposal ...		6,577
II. Cross disposal.		
Sojat Range.		
Dandas	121	
Mial	1	
Bali	34	
Balinda	4	
Thamba	2	162
Total cross disposal ...		162
Total disposal ...		6,739
Balance at close of the year.		
Godhwar Range.		
Kani	94	
Dandas	348	
Thobli	103	
Balinda	4	
Balies	34	
Mial	119	702
Sojat Rage.		
Dandas	2,137	
Mial	3	

ANNUAL FORM NO. 56.—(Continued.)

Forest Department, Marwar.—Account of Timber and other Produce cut or collected by Raj Agency and brought to sale depots or sold locally during the year 1892-93.

PARTICULARS.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Balance at commencement of the year.				
Godhwar Range	425		425	
Sojat Range	9,750		9,750	
Jodhpur sub-Range	928		928	
TOTAL BALANCE ...			11,103	
RECEIPTS—				
I. CROSS RECEIPTS.				
Godhwar Range	2,100		2,100	
Total cross receipts ...			2,100	
Total Receipts ...			2,100	
GRAND TOTAL ...			13,203	

PARTICULARS.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Balies	91			
Balinda	1			
Thamba	5		2,237	
Jodhpur sub-Range.				
Golias	5,170		5,170	
Total balance			8,109	
GRAND TOTAL ...			14,848	
FIREWOOD.				
DISPOSALS—				
I. TRUE DISPOSALS.				
Sold locally.				
Godhwar Range	16			
Jodhpur sub-Range	478		494	
Lost by re-measurement.				
Sojat Range	4,850			
Jodhpur sub-Range	450		5,300	
Used by the Department.				
Sojat Range	750		750	
Total true disposals			6,544	
II. CROSS DISPOSALS				
Sojat Range	2,100		2,100	
Total cross disposals ...			2,100	
Total disposals			8,644	

Balance at commencement of the year.		
Sojat Range	505	505
Total balance		505
RECEIPTS—		
I. True receipts.		
Received from the forest.		
Sojat Range	19	19
Total true receipts ...		19
Total receipts		19
Grand total ...		524

CHARCOALS.

DISPOSALS—		
I. True disposals.		
Sold locally.		
Sojat Range	278	278
Total true disposals ...		278
Total disposals ...		278
Balance at close of the year.		
Sojat Range	246	246
Total balance		246
Grand total ...		524

BAMBOOS.

Balance at commencement of the year.		
Godhwar Range	37	37
Sojat Range	330	330
Jodhpur sub-Range	1,350	1,350
Total balance		1,717
RECEIPTS—		
I. Cross receipts.		
Balance at close of the year.		
Godhwar Range	2,509	2,509
Sojat Range	2,050	2,050
Total balance		4,559
Grand total ...		13,203

DISPOSALS—		
I. True disposals.		
Sold locally.		
Jodhpur sub-Range	1,350	1,350
Struck off on account of being damaged.		
Godhwar Range	37	37
Total true disposals ...		1,387
II. Cross disposals		

ANNUAL FORM NO. 56.—(Continued.)

Forest Department, Marwar.—Account of Timber and other Produce cut or collected by Raj Ajency and brought to sale depots or sold locally during the year 1892-93.

PARTICULARS.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Godhwar Range	330		330	
Total cross receipts ...			330	
Total receipts			330	
GRAND TOTAL ...			2,047	
MISCELLANEOUS.				
Balance at commencement of the year.				
Godhwar Range.				
Grass	3,358		3,358	
Sojat Range	618		618	
Jodhpur Range.				
Grass	400			
Bithoras	78		478	
Total balance			4,458	

PARTICULARS.	No. or quantity.	Cubic feet.	Total of each head. No. or quantity.	Total of each head. Cubic feet.
Sojat Range	330		330	
Total cross disposals ...			330	
Total disposals			1,717	
Balance at close of the year.				
Godhwar Range	330		330	
Total balance			330	
GRAND TOTAL ...			2,047	
DISPOSALS—				
I. TRUE DISPOSALS.				
Sold locally.				
Godhwar Range				
Grass	1,134		1,134	
Sojat Range				
Grass	56		56	
Jodhpur sub-Range.				
Bithoras	78		78	

RECEIPTS—				*Lost by re-measurement.*			
I. CROSS RECEIPTS.							
Godhwar Range.				Godhwar Range.			
Grass	534		534	Grass	432		432
				Used by the Department.			
Total cross receipts ...			534				
				Jodhpur sub-Range.			
Total receipts			534	Grass	400		400
GRAND TOTAL ...			4,988	Total true disposals ...			2,100
				II. CROSS DISPOSALS.			
				Sojat Range.			
				Grass	534		534
				Total cross disposals ...			534
				Total disposals			2,634
				Balance at close of the year.			
				Godhwar Range.			
				Grass	2,326		2,326
				Sojat Range.			
				Grass	28		28
				Total balance			2,354
				GRAND TOTAL ...			4,988

ANNUAL FORM NO. 58.

Forest Department, Marwar State.—Summary of Revenue of different Ranges of Marwar Forests during 1892-93.

BUDGET HEADS.	Godhwar Range			Sojat Range.			Jodhpur sub-Range.			Total.			REMARKS.
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
RECEIPTS.													
I.—Timber and other produce removed from the Forests by Raj Agency—													
(a) Timber	434	7	0	51	14	0	...	..	...	486	5	0	
(b) Firewood and charcoal	309	11	11	67	1	3	...	..	..	376	13	2	
(c) Bamboos	65	5	0	...	..	..	...	...	...	65	5	0	
(d) Grass and other minor produce	6,398	11	0	798	10	9	1,835	7	6	9,032	13	3	
II.—Timber and other produce removed from the Forests by purchasers or consumers—													
(a) Timber	2,228	0	6	923	11	0	...	...	...	3,151	11	6	
(b) Firewood and charcoal	4,192	11	0	82	14	3	...	...	...	4,275	9	3	
(c) Bamboos	300	5	6	1	2	0	...	...	..	301	7	6	
(d) Grazing and Fodder grass	1,260	6	6	429	13	0	4,293	8	3	5,983	11	9	
(e) Other minor produce	422	8	9	93	10	0	3,343	12	6	3,859	15	3	
III.—Confiscated drift and waifwood—	159	2	6	10	15	6	...	..	..	170	2	0	
IV.—Revenue from Forests not managed by Raj—													
(a) Duty on Foreign Timber and other Forest produce													
(b) Revenue from shared and private Forests													
V.—Miscellaneous—													
(a) Fines and forfeitures													
(b) Refunds													
(c) Other sources	1,332	12	9	731	7	6	39	11	6	2,103	15	9	
TOTAL ...	17,104	2	5	3,191	3	3	9,512	7	9	29,807	13	5	
Arboriculture ...	...	...	...	...	...	...	165	0	0	165	0	0	
GRAND TOTAL ...	17,104	2	5	3,191	3	3	9,677	7	9	29,972	13	5	

ANNUAL FORM NO. 58.—(*Continued.*)

Forest Department, Marwar State. Summary of Expenditure of different Ranges of Marwar Forests during 1892-93.

BUDGET HEADS.	Direction.			Godhwar.			Sojat.			Jodhpur.			Total.			REMARKS.
A.—CONSERVANCY AND WORKS.																
I.—Timber and other produce removed from the Forests by Raj Agency—																
(a) Timber ...	...	...	...	51	9	0	...	...	...	...	...	...	51	9	0	
(b) Firewood and charcoal ...	...	...	...	27	4	0	40	14	9	...	...	...	68	2	9	
(c) Bamboos ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(d) Grass and other minor produce ...	...	...	...	348	2	11	12	8	0	62	12	10	423	7	9	
II—Timber and other produce removed from the Forests by purchasers or consumers—																
III—Confiscated, drift and waifwood—																
IV—Revenue from forests not managed by Raj—																
(a) Duty on foreign timber and other forest produce ...																
(b) Revenue from shared and private forests ...																
V.—Rent of leased forests and payment to share-holders in forests managed by Raj—																
VI.—Live-stock, stores, tools and plants—																
(a) Purchase of cattle ...																
(b) Feed and keep of cattle ...																
(c) Purchase of tools, stores and plants ...	73	4	0	4	11	6	7	0	0	...	...	...	84	15	6	
VII.—Communications and buildings—																
(a) Roads and bridges ...																
(b) Buildings ...																
(c) Other works ...																
VIII.—Demarcation, improvement and extension of forests—																
(a) Demarcation ...																
(b) Compensation of land and rights ...																
(c) Surveys and working plans ...																
(d) Sowing and planting ...	1	6	9	22	11	3	21	6	6	...	...	...	45	8	6	
(e) Protection from fire ...	...	...	...	11	1	6	...	...	...	...	...	...	11	1	6	
(f) Other works ...	...	...	...	...	...	...	6	8	0	...	...	...	6	8	0	
IX.—Miscellaneous—																
(a) Refunds ...																
(b) Law charges ...																
(c) Other charges ...	5	9	0	65	12	9	43	9	0	...	...	...	114	14	9	
TOTAL A. CONSERVANCY AND WORKS ...	80	3	9	531	4	11	131	14	3	62	12	10	806	3	9	

ANNUAL FORM NO. 58.—(*Continued.*)

Forest Department, Marwar State. Summary of expenditure of different Ranges of Marwar Forests during 1892-93.

Budget Heads.	Direction.			Godhwar.			Sojat.			Jodhpur.			Total.			REMARKS.
B. Establishment.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
I.—SALARIES—																
(a) Superior Establishment	2,594	10	3	...	..	..	...	..	..	...	.	...	2,574	10	3	
(b) Executive Establishment	...	..	..	922	5	4	622	5	4	...	...	...	1,544	10	8	
(c) Protective Establishment	...	..	...	1,330	11	9	656	12	9	143	7	8	2,131	0	2	
(d) Office Establishment	852	12	9	131	7	6	91	0	0	...	...	..	1,075	4	3	
(e) Pensionary Contribution	189	5	1	...	...	..	...	..	.	...	.	.	189	5	1	
II.—TRAVELLING ALLOWANCE—																
(a) Superior Establishment	1,415	2	1	...	..	..	...	..	...	...	..	..	1,415	2	1	
(b) Executive Establishment	...	...	..	423	4	10	263	11	4	...	..	..	687	0	2	
(c) Protective Establishment	...	...	...	...	...	...	2	3	6	...	..	...	2	3	6	
(d) Office Establishment	207	15	3	1	7	6	1	9	6	...	.	...	211	0	3	
(e) Keep and feed of conveyance supplied by Raj	283	14	9	...	..	..	...	...	.	...	..	..	283	14	9	
III.—CONTINGENCIES—																
(a) Stationary	15	9	3	6	7	6	2	14	9	...	.	..	24	15	6	
(b) Carriage of tents and records	55	15	0	6	11	0	1	11	0	...	...	..	64	5	0	
(c) Rents, Rates and Taxes	50	13	6	2	12	0	4	8	0	...	..	.	58	1	6	
(d) Official postage	51	8	6	15	3	0	9	0	0	...	.	..	75	11	6	
(e) Sundries	62	7	8	10	5	0	8	2	6	...	2	..	81	1	2	
Total B. Establishment	5,760	2	1	2,850	11	5	1,663	14	8	143	9	8	10,418	5	10	
Total of expenditure for A. Conservancy	80	3	9	531	4	11	131	14	3	62	12	10	806	3	9	
Arboriculture	...	...	..	...	...	..	...	...	..	8,339	0	0	8,339	0	0	
GRAND TOTAL ...	5,840	5	10	3,382	0	4	1,795	12	11	8,545	6	6	19,563	9	7	

ANNUAL FORM NO. 59.

Forest Department, Marwar State. Account current for the year 1892-93.

	Rs.	A.	P.	Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.
Cash balance	236	2	8	236	2	8	EXPENDITURE AS PER ANNUAL SUMMARY FORM NO. 58—						
Revenue as per annual summary Form No. 58	29,992	13	5	29,992	13	5	Forest conservancy	11,224	9	7	...	...	...
FOREST CASH REMITTANCES LOCAL—							Arboriculture	8,339	0	0	19,563	9	7
							FOREST CASH REMITTANCES LOCAL—						
Forest cheques drawn ...	19,438	15	11	19,438	15	11	Remittances to Treasury ...	29,974	2	8	29,974	2	8
Advances recoverable ...	13,083	3	1	13,083	3	1	Advances recoverable ...	13,155	0	3	13,155	0	3
							Balance in hand	38	6	7	38	6	7
Total ...	...	...	...	62,731	3	1		...	...	...	62,731	3	1

ANNUAL FORM NO. 60.

Forest Department, Marwar State.—Revenue received and outstandings on account of Revenue during 1892-93.

Range.	Particulars.	Outstandings at commencement of year.			Value of sales and other revenue during year.			Total.			Amount realised during year.			Balance due to the Department at end of year.			REMARKS.
		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Godhwar ...	.....	10,703	15	7	7,434	1	3	18,138	0	10	17,104	2	5	1,197	8	6	Difference of Rs 812-5-10 in closing balance is due to Mahkma Khas altering the original sums in bills for forest produce supplied to Havala Khas.
Sojat ...	.....	876	1	0	2,415	7	7	3,291	8	7	3,191	3	3	185	11	0	
Jodhpur ...	.....	10,805	14	7	23	15	9	10,829	14	4	9,512	7	9	256	1	0	
	TOTAL ...	22,385	15	2	9,873	8	7	32,259	7	9	29,807	13	5	1,639	4	6	

ANNUAL FORM NO. 61.

Forest Department, Marwar State. Outstanding and liabilities on account of contractors and disbursers for 1892-93.

RANGE.	Department Debtor.									Department Creditor.									Balance due.						Remarks.
	At commencement of year.			Recoveries in cash and value of supplies and works done during the year.			At close of year.			At commencement of year.			Payments made during year.			At close of year.			To Department (outstandings.)			By Department liabilities.			
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Head office	...	...	...	6,480	6	6	6,480	6	6	234	13	5	6,283	15	8	6,518	13	1	38	6	7	...	...	...	
Gokal Chand F. Ranger ...	...	...	...	2,197	10	6	2,197	10	6	1	6	9	2,241	2	3	2,242	9	0	44	14	6	...	...	...	
Doulat Ram F. Ranger ...	...	...	...	793	9	9	793	9	9	...	...	...	815	0	0	815	0	0	21	6	3	...	...	...	
Jagan Nath F. Ranger ...	...	...	...	1,817	12	7	1,817	12	7	66	1	10	1,832	14	1	1,898	15	11	81	3	4	...	...	...	
Basant Ram Forester ...	...	...	...	8,272	2	3	8,272	2	3	19	14	7	8,265	15	11	8,285	14	6	13	12	3	...	...	...	
Total ...	...	...	...	19,561	9	7	19,561	9	7	322	4	7	19,438	15	11	19,761	4	6	199	10	11	...	...	...	

ANNUAL FORM NO. 62.

Forest Department, Marwar State.—Financial results of the year 1892-93.

Range.	Timber and other produce removed from the forests by Raj Agency.		Other revenue.		Formation, protection and improvement of forests.	Total.		Remarks.
	Receipts.	Charges.	Receipts.	Charges.		Receipts.	Charges.	
Godhwar ...	2,061	427	5,257	2,921	34	7,318	3,382	
Sojat	76	54	2,274	1,713	28	2,349	1,795	
Jodhpur ...	.....	63	24	143	.....	24	206	
Total ...	2,136	544	7,555	4,777	62	9,691	5,383	
Direction ...	.....	.....	.....	5,840	.....	.....	5,840	
Grand total ...	2,136	544	7,555	10,617	62	9,691	11,223	